

U.S. Department of Transportation

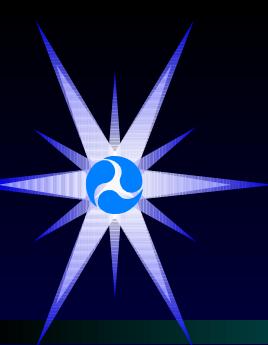
GPS User Support



Civil GPS Service Interface Committee DOT Policy Session

March 28, 2000

Hank Skalski
US Department of Transportation



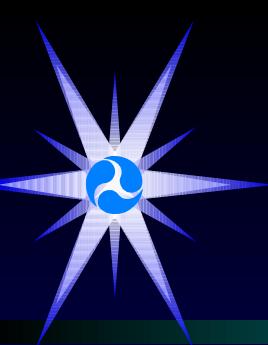
Overview

- * GPS User Support
 - * Joint GPS User Support Center
 - * Support Services
 - * Bringing it all together
 - * Interagency Cooperation
 - * International Coordination



GPS User Support

- * Joint GPS User Support Center
 - * Continuous performance monitoring
 - * Coordinated collection, analysis, and distribution of information related to GPS performance, anomalies, and service disruption or degradation
 - * Efficient / Timely response to user problem reports and requests for information



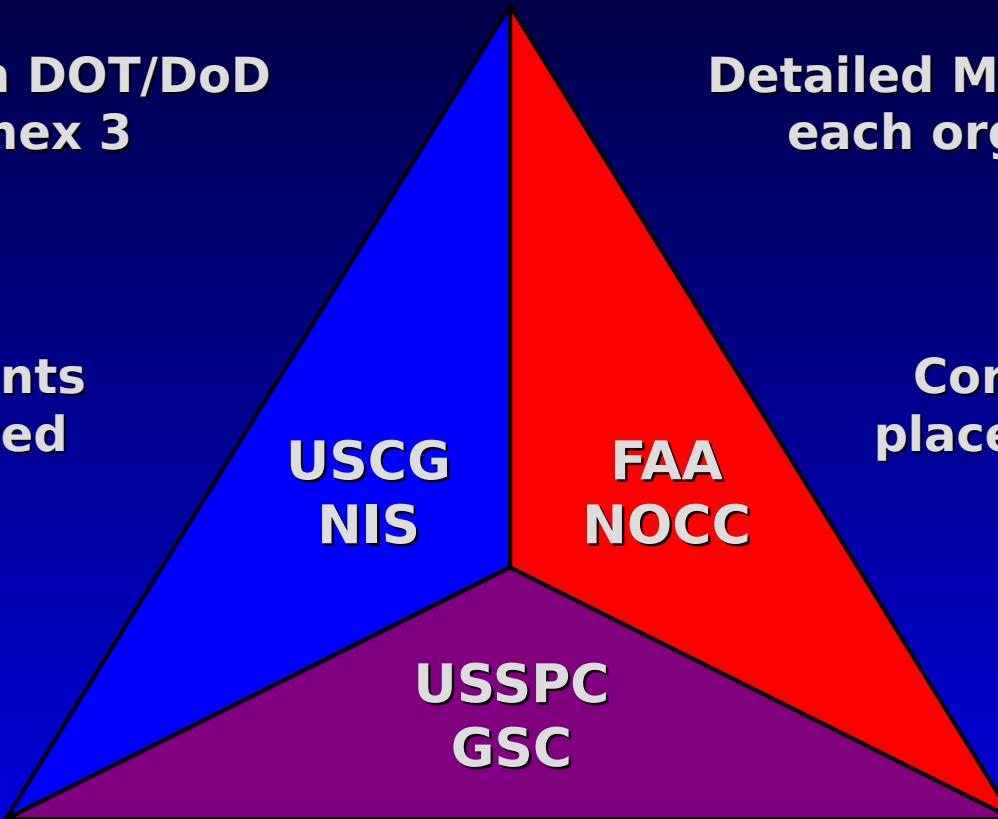
The Core

**Established in DOT/DoD
MOA, Annex 3**

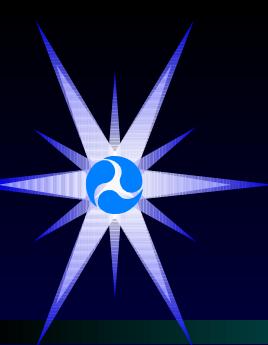
**Detailed MOA's between
each organization**

**Requirements
Documented**

**Core process in
place and working**

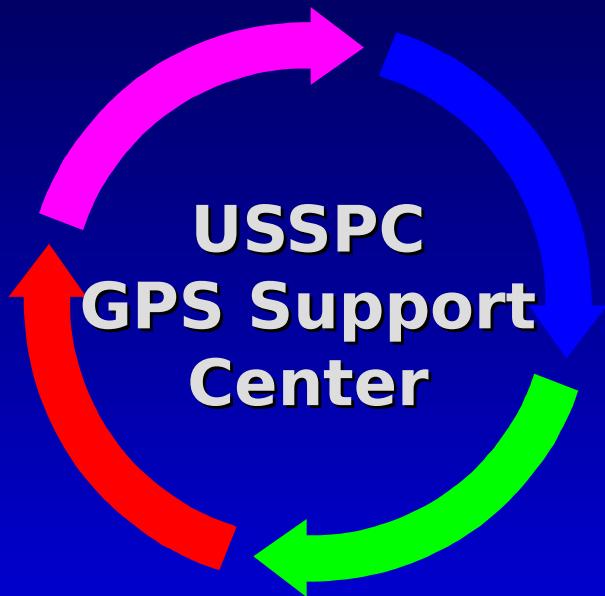


Joint GPS User Support Center



Support Services

GPS Technical Support



**Signal-in-space
Performance
Reporting**

**USCG / FAA
Interface**

**Facilitate Service
Disruption Resolution**

**Anomaly & Interference
Tracking Database**



Support Services

GPS Test Coordination

Notice to Airman

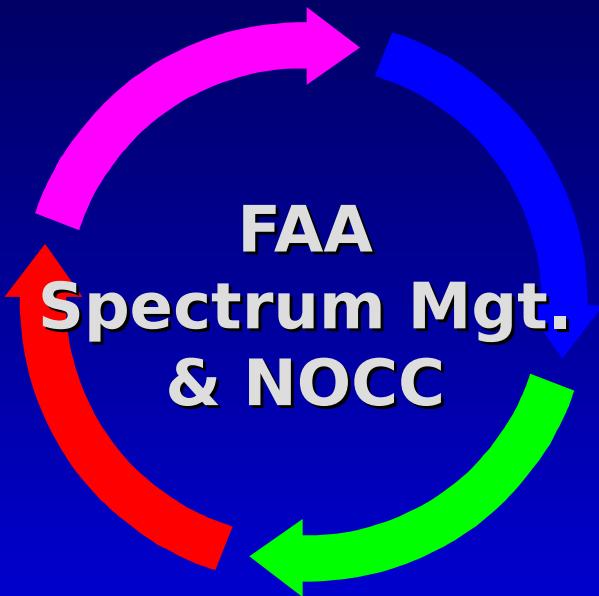
**WAAS/LAAS
Performance
Reporting**

**USCG / USSPC
Interface**

**FAA
Spectrum Mgt.
& NOCC**

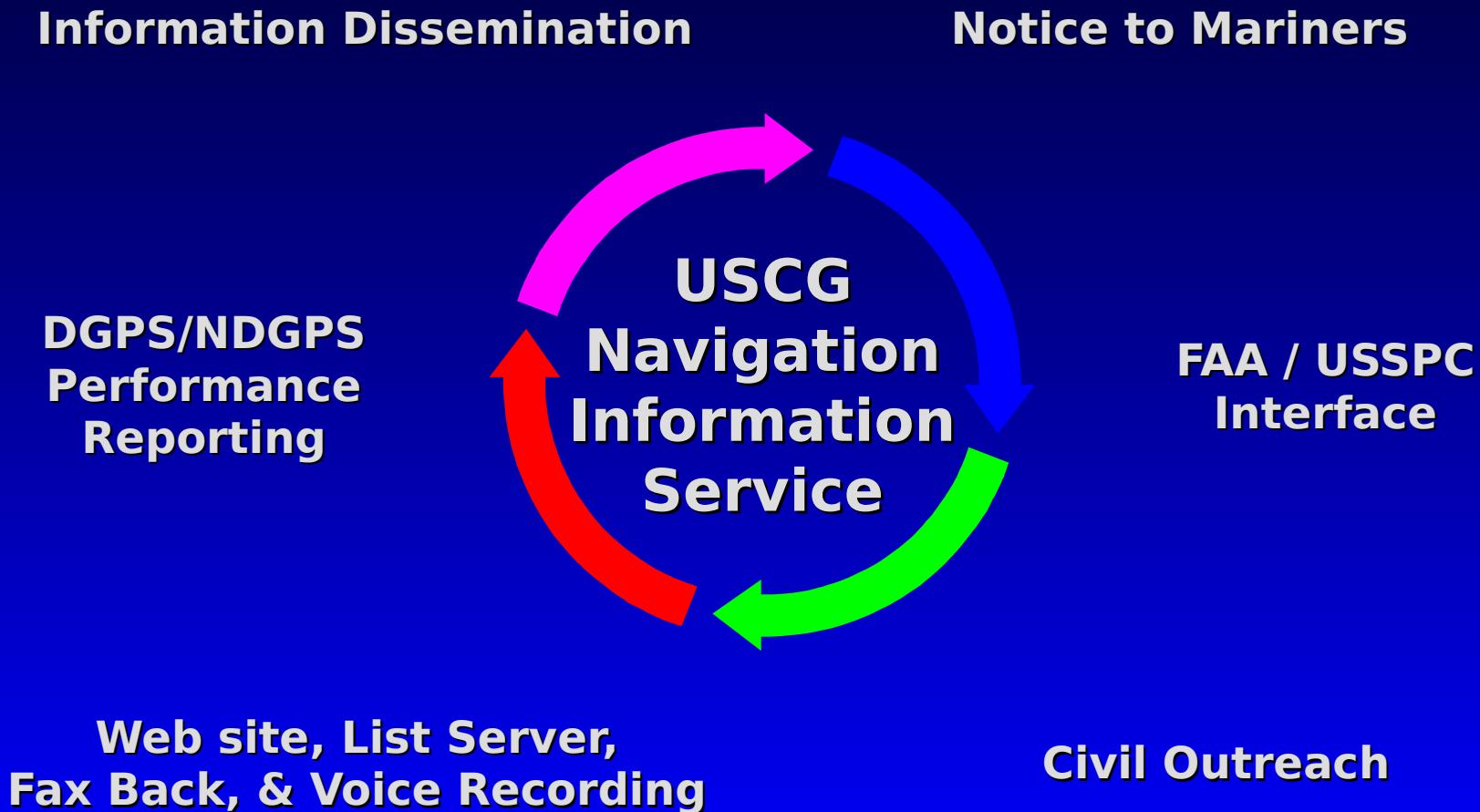
Spectrum Protection

Interference Mitigation





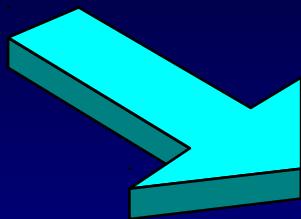
Support Services



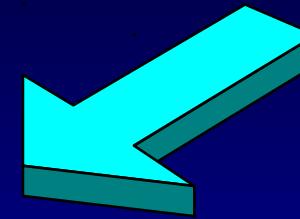


Bringing it together!

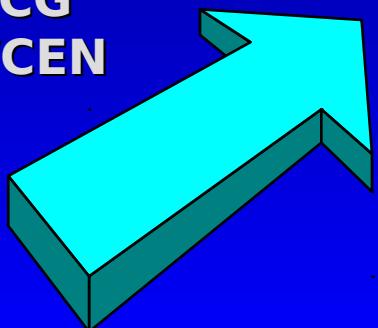
**USSPC
GSC**



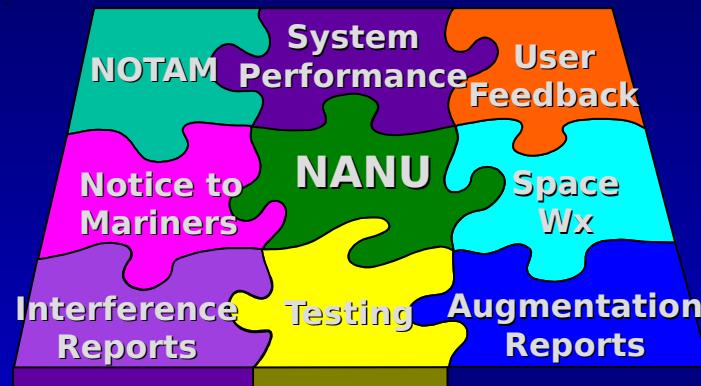
**FAA
NOCC**



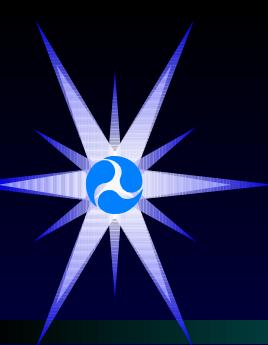
**USCG
NAVcen**



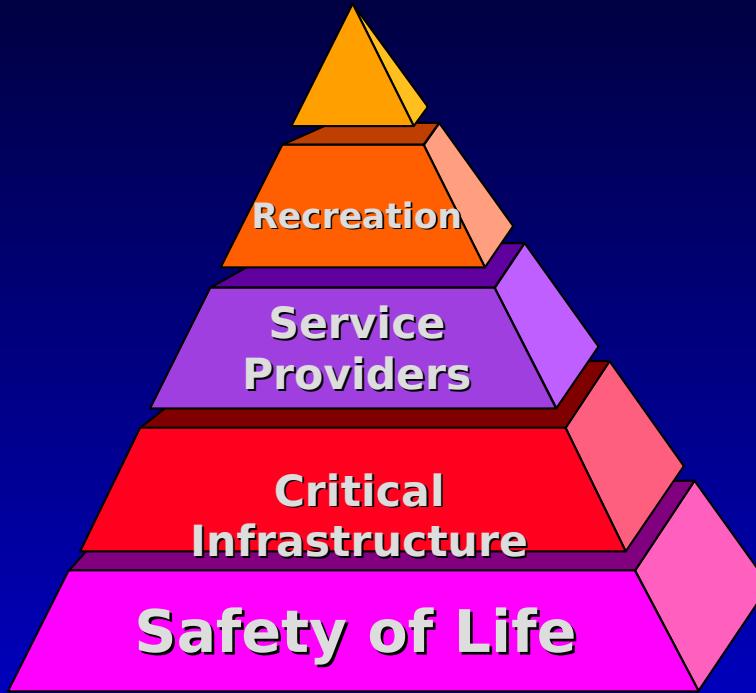
**Other
Sources**



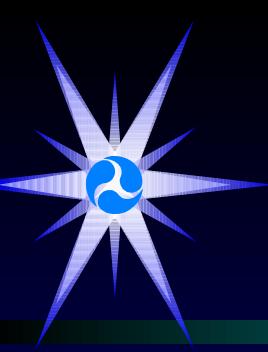
**GPS User Advisory
and
Reference Database
(GUARD)**



Stacking the requirements



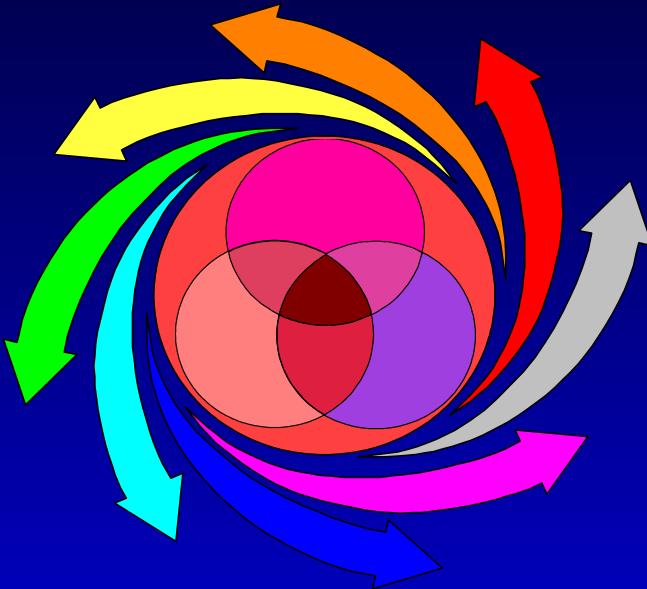
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Information Dissemination

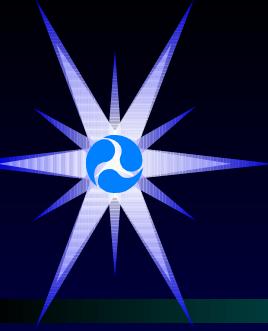
To the right place

The right information



At the right time

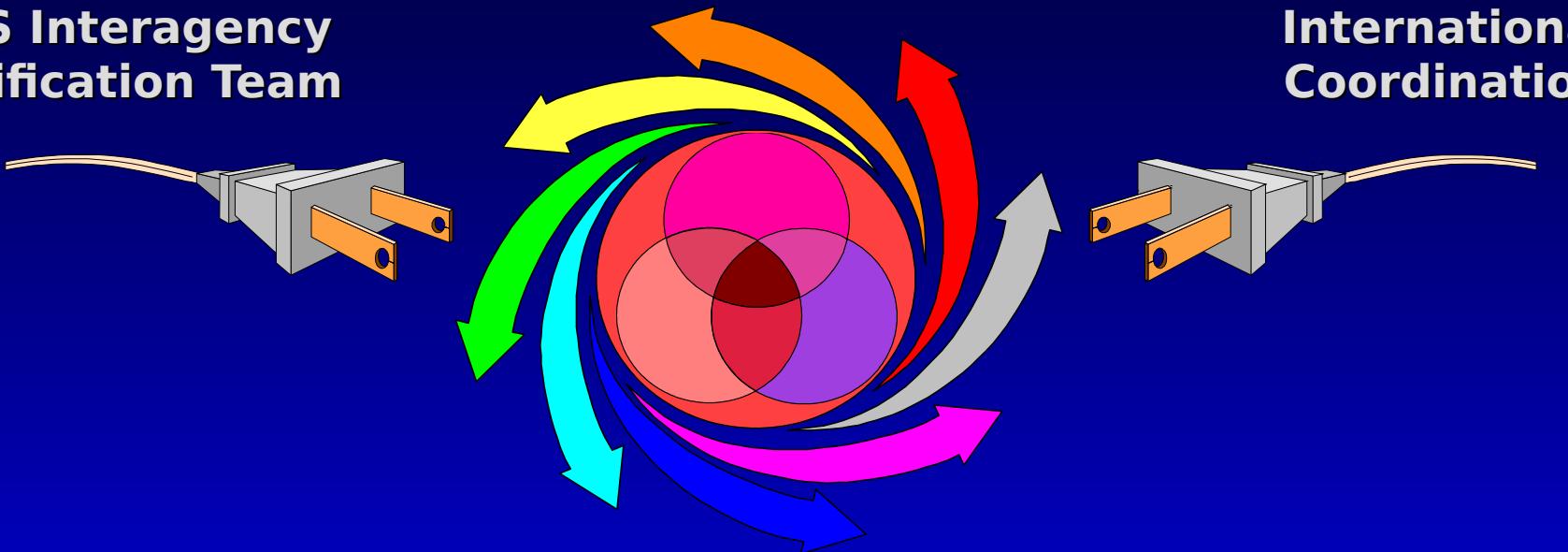
**GPS User Advisory
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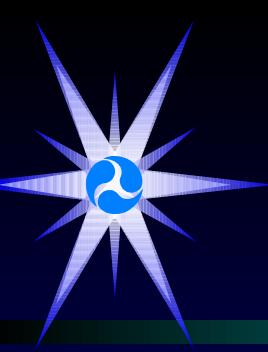
Information Dissemination

**GPS Interagency
Notification Team**

**International
Coordination**



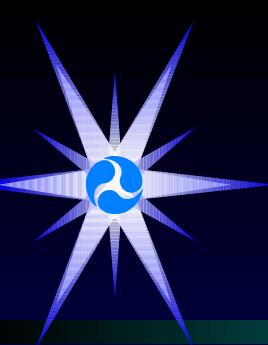
**GPS User Advisory
and
Reference Database
(GUARD)**



GIANT

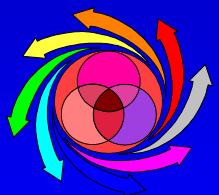
- * GPS Interagency Notification Team
 - * First meeting March 23
 - * IGEB and other government agencies
- * Work Plan
 - * Identify user base
 - * Determine user needs
 - * Stack requirements
 - * Develop dissemination process





International Coordination

- * Discussion item for International Consultations
 - * Work Plan similar to GiaNT
 - * Identify user base
 - * Determine user needs
 - * Stack requirements
 - * Develop dissemination process





Summary

- * Committed to GPS User Support
 - * Core processes/responsibilities identified
 - * Joint GPS User Support Center (Virtual) initiated
 - * GIaNT established
 - * GUARD concept development
 - * International coordination

